PTO/SB/08a (08-03.)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		10589283	
INFORMATION DIOCI COURT	Filing Date		2006-08-11	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor	Ryosuke KAINUMA		
(Not for submission under 37 CFR 1.99)	Art Unit			
(,	Examiner Name	Not yet assigned		
	Attorney Docket Numb	er	062881	

U.S.PATENTS Remove											
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Da	ate	of cited Document Releva			es,Columns,Lines where vant Passages or Relevant res Appear		
	1										
If you wis	n to a	dd additional U.S. Pater	nt citatio	n informa	tion pl	ease click the	Add button.		Add		
			U.S.P	ATENT A	APPLIC	CATION PUB	LICATIONS		Remove	]	
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publicati Date	ion	of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
	1										
If you wis	h to ac	dd additional U.S. Publi	shed Ap	plication	citation	n information	please click the Add	button	Add		
				FOREIG	N PAT	ENT DOCUM	IENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>		Kind Code <sup>4</sup>	Publication Applicant of cited Document		e or F	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		T5
	1										
If you wish to add additional Foreign Patent Document citation information please click the Add button Add											
NON-PATENT LITERATURE DOCUMENTS Remove											
Examiner Initials*	Cite No	Include name of the ar (book, magazine, journ publisher, city and/or of	nal, seria	al, sympo	sium,	catalog, etc),					<b>T</b> 5

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number		10589283	
Filing Date		2006-08-11	
First Named Inventor Ryos		suke KAINUMA	7
Art Unit			
Examiner Name	Not	yet assigned	
Attorney Docket Number		062881	

	1	T. MIYAZAKI et al., "Giant magnetic tunneling effect in Fe/Al2O3/Fe junction", Journal of magnetism and magnetic materials, Vol. 139, pL231-4, (1995)								
	2	T. AMBROSE et al., "Magnetic properties of single crystal Co2MnGe Heusler alloy films", Vol.87, No.9, p5463-5, (2000)								
	3	T. BLOCK et al., "Spin polarized tunneling at room temperature in a Heusler compound - a non-oxide material with a large negative magnetoresistance effect in low magnetic fields", IEEE, (2002)								
	4	K. INOMATA et al., "Large tunneling magnetoresistance at room temperature using a Heusler alloy with the B2 structure", The Japan Society of Applied Physics, Vol.42, pL419-22, (2003)								
	5	I. GALANAKIS et al., "Slater-pauling behavior and origin of the half-metallicity of the full Heusler alloys", The American Physical Society, Vol.66, No.174429, p1-9, (2002)								
If you wis	h to ac	dd additional non-patent literature document citation information please click the Add button Add								
		EXAMINER SIGNATURE								
Examiner	Examiner Signature Date Considered									
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										
Standard ST <sup>4</sup> Kind of doo	F.3). <sup>3</sup> F cument	f USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO or Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here in anslation is attached.								

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number		10589283		
Filing Date		2006-08-11		
First Named Inventor Ryos		suke KAINUMA		
Art Unit				
Examiner Name	Not	Not yet assigned		
Attorney Docket Number		062881		

32878

	CERTIFICATION STATEMENT								
Plea	se see 37 CFR 1	.97 and 1.98 to make the appropriate selecti	on(s):						
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).								
OR									
	That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).								
	See attached cer	rtification statement.							
	Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.								
	None								
SIGNATURE  A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.									
Signature		/Stephen G. Adrian/	Date (YYYY-MM-DD)	2006-09-11					

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.** 

Registration Number

Name/Print

Stephen G. Adrian

## **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a
  court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement
  negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records
  may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant
  to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
  - A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.